A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F21V21/18 A47G7/04

B65H75/44

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minkmum documentation searched (classification system followed by classification symbols) IPC 7 F21V A47G B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
X	US 4 187 996 A (EHRLICH SOL) 12 February 1980 (1980-02-12) column 2, line 17 - column 3, line 37; figures 1,4,7,8	1,10,12, 14-28
X 	DE 346 719 C (ANDREAS FOERG) 6 January 1922 (1922-01-06)	1,10,12, 14-27
Y	figures 1,2	2-9
Y	EP 0 483 069 A (OEKOPACK AG) 29 April 1992 (1992-04-29) figures 1,2	2-9
X	DE 39 048 C (SCHMITT-MANDERBACH) 21 September 1886 (1886-09-21) page 1, column 2, line 15 - page 2, column 2, line 7; figures 1a,3	1,10,12, 14-27
	-/	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  11 November 2004	Date of mailing of the international search report  26/11/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer  Kising, A



2.42		CT/CA2004/001006
	Rion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Calegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 33 23 716 A (FURUYA NORIO ; TAJIMA INDUSTRY CO LTD (JP)) 10 May 1984 (1984-05-10) figures 2,3	1,10-14, 28
A	BE 795 454 A (UGGERI REMO) 29 May 1973 (1973-05-29) figure 1	1,23,24
A	GB 616 556 A (EUGENE LEON PIERRE MOURIES) 24 January 1949 (1949-01-24) figures 1,4	1,23,24
		•

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

## information on patent family members

## International Application No CT/CA2004/001006

_						
	itent document I in search report		Publication date	_	Patent family member(s)	Publication date
US	4187996	Α	12-02-1980	NONE		
DE	346719	С	06-01-1922	NONE		
EP	0483069	A	29-04-1992	CH AT DE DE EP	683165 A 123714 T 9101315 U 59105705 D 0483069 A	15-06-1995 125-04-1991 120-07-1995
DE	39048	С		NONE		
DE	3323716	A	10-05-1984	JP JP JP JP DE FR GB	59070566 U	72 07-07-1986 74-05-1984 72 07-07-1986 71 10-05-1984 71 11-05-1984
BE	795454	A	29-05-1973	IT IT BE ES	947605 E 1045607 E 795454 A 188765 Y	3 10-06-1980 11 29-05-1973
	616556	Α	24-01-1949	FR	999311 #	29-01-1952